

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of wireless communication with a number of subscribers to a subscription-based service, the method comprising:

determining the number of subscription-based service subscribers within a cell;

determining at least one of a geographical distribution of a number of multicast service subscribers and a subscription distribution of the number of multicast service subscribers within the cell; and

assigning one of a plurality of service rates to at least one of a plurality of subscription-based service types, said one of the plurality of service rates being selected based on at least one of channel conditions, power requirements, service subscription type, desired content, other services and equipment class of each subscriber and said one of the plurality of service rates further being selected based on at least one of the determined geographical distribution and the determined subscription distribution.

2. (Previously Presented) The method of Claim 1, wherein the subscription-based service comprises at least a multicast service, the at least one service rate comprises at least one multicast rate, and said at least one of the plurality of subscription-based service types comprises at least a multicast service subscription type.

3. (Original) The method of Claim 2, wherein the multicast service subscription type comprises at least one of a basic type and a premium type.

4-5. (Canceled)

6. (Previously Presented) The method of Claim 2, comprising:

multicasting information to each of the multicast service subscribers at each multicast service subscription type's assigned multicast rate.

7. (Previously Presented) A method of wireless communication with a number of subscribers to a subscription-based service, the method comprising:

determining the number of subscription-based service subscribers within a cell;

determining at least one of a geographical distribution of a number of multicast service subscribers and a subscription distribution of the number of multicast service subscribers within the cell;

assigning at least one service rate to at least one of a plurality of subscription-based service types in response to at least one of channel conditions, power requirements, service subscription type, desired content, other services and equipment class of each subscriber and in further response to at least one of the determined geographical distribution and the determined subscription distribution, wherein the subscription-based service comprises at least a multicast service, the at least one service rate comprises at least one multicast rate, and said at least one of the plurality of subscription-based service types comprises at least a multicast service subscription type, and wherein the step of assigning comprises:

prioritizing the assigning of the at least one multicast rate to support the multicasting information to at least one of a maximum number of multicast service subscribers, a maximum number of multicast service subscribers having the premium service

type, and a maximum number of multicast service subscribers having the basic service type; and

multicasting information to each of the multicast service subscribers at each multicast service subscription type's assigned multicast rate.

8. (Previously Presented) The method of Claim 7, comprising:

scaling an availability of at least one of the multicast service subscription types in response to a demand from the multicast service subscribers associated with at least another multicast service subscription type.

9. (Original) The method of Claim 8, wherein the step of scaling comprises at least one of dropping and adding the availability of at least one of the multicast service subscription types.

10. (Original) The method of Claim 8, wherein the demand corresponds with at least one of power and subscription revenue.

11. (Original) The method of Claim 7, comprising:

scaling an availability of at least one of the multicast service subscription types in response to base station resources in use.

12. (Original) The method of Claim 11, wherein the step of scaling comprises at least one of dropping and adding the availability of at least one of the multicast service subscription.

13. (Original) The method of Claim 11, wherein the equipment class corresponds with at least one supporting channelization code.

14. (Original) The method of Claim 2, wherein the other services comprises at least one of voice, HSDPA and HSUPA.

15. (Currently Amended) A method of wireless communication comprising:

receiving a subscription-based service at an assigned service rate, the assigned service rate corresponding with at least one of a plurality of service subscription types and being selected from a plurality of service rates based on at least one of desired content, channel conditions, power requirements, other services and equipment class and the assigned service rate further being selected based on at least one of a determined geographical distribution of a number of multicast service subscribers and a determined subscription distribution of the number of multicast service subscribers within the cell.

16. (Original) The method of Claim 15, wherein the subscription-based service comprises at least a multicast service, the at least one service rate comprises at least one multicast rate, and the service subscription type comprises at least a multicast service subscription type.

17. (Canceled)

18. (Original) The method of Claim 16, wherein the multicast service subscription type comprises at least one of a basic type and a premium type.

19. (Original) The method of Claim 16, comprising:
prioritizing the other services and the multicast service subscription service.
20. (Original) The method of Claim 19, comprising:
scaling the multicast service subscription types available for assigning in response to a change in demand for the other services.
21. (Original) The method of Claim 20, wherein the step of scaling comprises at least one of dropping and adding support for at least one of the multicast service subscription types.
22. (Original) The method of Claim 21, wherein the demand corresponds with at least one of power, channelization codes, and subscription fees.
23. (Original) The method of Claim 19, wherein the other services comprises at least one of voice, HSDPA and HSUPA.
24. (Original) The method of Claim 16, wherein the equipment class corresponds with at least one supporting channelization code.

25. (Previously Presented) A method of wireless communication with a number of subscribers to a subscription-based service, the method comprising:

assigning at least one first service rate to at least one first subscription-based service type associated with at least one first subscriber, said at least one first service rate being selected based on information indicative of network infrastructure demands associated with said at least one first subscriber;

assigning at least one second service rate to at least one second subscription-based service type associated with at least one second subscriber, said at least one second service rate differing from said at least one first service rate and being selected based on information indicative of network infrastructure demands associated with said at least one second subscriber; and

concurrently multicasting information to said at least one first subscriber and said at least one second subscriber at said at least one first service rate and said at least one second service rate, respectively.

26. (Previously Presented) The method of claim 25, wherein multicasting information to said at least one first subscriber and said at least one second subscriber comprises multicasting information to said at least one first subscriber at a first service rate that is lower than a second service rate used to multicast information to said at least one second subscriber.

27. (Previously Presented) The method of claim 25, wherein assigning said at least one first service rate comprises selecting said at least one first service rate from a plurality of service rates

based on at least one of channel conditions, power requirements, service subscription type, desired content, other services and equipment class of said at least one first subscriber.

28. (Previously Presented) The method of claim 27, wherein assigning said at least one second service rate comprises selecting said at least one second service rate from the plurality of service rates based on at least one of channel conditions, power requirements, service subscription type, desired content, other services and equipment class of said at least one second subscriber.

29. (Previously Presented) The method of claim 25, comprising determining the number of subscription-based service subscribers within a cell.

30. (Previously Presented) The method of claim 29, comprising selecting said at least one first service rate or said at least one second service rate based on the number of subscription-based service subscribers within the cell.

31. (Previously Presented) The method of claim 29, comprising determining at least one of a geographical distribution of the number of multicast service subscribers or a subscription distribution of the number of multicast service subscribers within the cell.

32. (Previously Presented) The method of claim 31, comprising selecting said at least one first service rate or said at least one second service rate based on at least one of the geographical

distribution of the number of multicast service subscribers or the subscription distribution of the number of multicast service subscribers within the cell.